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| **Chemistry 112 Unit Four Major Theory Assignment**  **Unit4 Ch 11.3, 15.1,15.2,Ch7, 16.1,16.2 Ionic Bonding/Solutions**  **NAME:** |
| Directions: Unit four covers many theory topics that surround the idea of solutions, water and ionic bonding. You will be responsible for 🡪making and organizing a resource booklet(duotang) for this unit.  A large cue card will be given to you. As you make up your resource booklet, 🡪you are to write important facts, formulas and information on your cue card.(Please fill this out daily)  Time: approximately 4 half classes and regular homework time |
| Important details:  Pay attention to the Guide for Reading at the start of each section.  🡪Attempt all questions.  🡪Keep a checklist of your work and write the date beside each task that you accomplish*.(this is worth marks too)*  🡪Place this page at the front of your booklet and the cue card at the back. |
| 🡪Make up 20 fill in the blank questions. Write the answers on a separate page. |
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| |  |  |  |  | | --- | --- | --- | --- | | **Notes** | **Questions** | **Date** | **Checked** | | **Section 7.1 - make notes on topics you do not already know** | **193 # 1 to 10** |  |  | |  |  |  |  | | **Work with a partner and request handout from 11.3 to make your own notes using the guide.** | **P 344 #28, 30 to 33, 34abc,35abc** |  |  | | **From 15-1 students are to make their own notes on p 445-449** | **p 449 #1-4** |  |  | | **15.2 define the following terms using p 450-457** **Solvent , solute, solvation, electrolyte, non-electrolyte, strong electrolyte, weak electrolyte** | **p 457 #8 to 15** |  |  | | **Make notes on p 471 to 475 (Solution formation,solubility, saturated, miscible, immiscible, temperature, supersaturated etc),** |  |  |  | | **Copy the formula and example from p 456 .** | **Do p 456 #6, #7**  **ans. 6- 36.1% 7- 49.3%** |  |  | | **Using p 194 Guide for Reading you are to make ½ page of notes on Ionic Bonds and Compounds**  **(p 194 to 198** | **p 199 Do #14 to #22**  **p 196 Do #12, 13** |  |  | |  | **Do p 203 #23-29** |  |  | | **Make notes on 16.1 and 16.2.** | **Do p 481 #8, 9 p 482 #10, 11 p 484 #12, p 485 14, 15** |  |  | | **Please put p485 % by volume formula into your notes and** **p 486 % by mass formula into your notes.** | **Homework p 486 #22 and #23** |  |  | | **Make notes on 7.3** | **Do p 23 26 to 29 and p 486 22, 23** |  |  |   **Reminder🡪Pass in booklet with this page at front.**   * **Did you number your questions and give your page numbers?** * Did you fill in the table above? * Is your work in the order given above? * Is your cue card and 20 fill in the blank questions at the back of your resource?  |  | | --- | |  | |  | |  | |  | |  | |
| Checklist   |  |  | | --- | --- | | Unit 4 Assigned questions From Ch 7  P 193 #1-11 P 196 12-13 P 199 #14-22 P 203 #23- 29 From ch 11.3 p 343 #29, p 344 #30 to 35 From Ch 15.1 p 449 #1-5  From Ch 15.2 p 456 #6-7 p 457 #8-15 From Ch 16.1 p 477 #4-6  From Ch 16.2 p 481 #8-9 p 482 #10-11 P 484 #12, 13 p 485 #14, 15 P 486 #16-23 |  | |
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